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Problems of brick owners and kiln workers in modern times

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Abstract

“Bricks are imported blocks of fixed dimensions, used for construction and made from clay, shale or other mineral materials”

In India there was a system of "Bara Baluti Athara Aluti". Small scale industry is an important factor in terms of development. Small scale industry has to play an important role to create employment for all unemployed people in urban and rural areas and to stand on their own. Through the same means, the government also seems to have given priority to small enterprises through self-employment. The employment issue is becoming unfavorable day by day, in which the educated youth are roaming in search of jobs. Considering all these aspects, there is a need to attract the youth towards industry.

Keywords: Bricks, Kiln Workers

Introduction

Today's industrial worker in India is more advanced than the industrial worker of the past. He has a new awareness, hope and sense of responsibility. He is very vigilant about his rights. He has made a name for himself by creating various organizations. Everyone wants to have their own beautiful home. In the very beginning the concept of shelter was limited to accommodation only. That's why in the beginning a small hut was created for living by using turatya-parata. In that, wood, sticks, etc. were used in the village. But due to the changing environment, it started to feel insecure. Due to the changing flow of time, new changes took place. After that man started to live in durable houses made of stone and mud instead of grass house. Over a period of time, the wave of development in the world and the improvement in the quality of life and living conditions as well as changing lifestyles led to changes in the living arrangements. Now, brick, cement, and iron houses are being built. As a result, these houses are built to protect against earthquakes, heat, wind, rain and fire or other natural calamities. The government will work to implement the housing policy for the backward class people as well as those who are not in a condition to build a house, in which subsidies were given for house construction through 'Indira Awas Yojana', 'Gharkul Yojana', 'Ramai Awas Yojana' etc. Along with this, the changes in people's preferences and the drastic changes in the field of engineering, along with the innovative plans and films created by the computer, have increased the demand for bricks, cement and iron.

Materials required for brick making

Various ingredients are required in making bricks. As industrial business requires labor and brick manufacturing business requires a lot of raw material. The larger the stock of raw material is available in this business, the greater the production of bricks. The following components are calculated in this raw material.

1. Soil

Soil is a natural element. Its availability depends on natural endowment. Red clay is required for making bricks. This red soil is found only in specific areas. Therefore, these brick kilns are also installed in specific areas. In areas where red soil is not available, red soil has to be imported from far away or brought from there. For this, a license is obtained by taking special permission from the Tehsil Office and paying government royalty.

The rates of the amount to be paid to the government court are always changing. Every brick kiln owner tries to bring the clay from the river banks because the clay is silty and very soft.

2. Fuel

In a brick kiln, a lot of importance is given to the method of firing the bricks. If the brick is fired in a good way or well, it becomes stronger and tougher, so its life is longer. So the most important factor in this process is fuel. The quality of the fuel used for firing bricks is very important. If the fuel contains the wood of old trees, which has been dried in the sun for a long time, then the wood of trees like bitter lemon, acacia, chiman saag, mango burns for a longer time and the bricks get the same amount of food or fire, so the bricks burn well. Along with wood, ash, cow dung, waste sticks, scraps etc. are also used while baking bricks. Coal plays a very important role to burn all these equally.

3. Water

Brick kilns require a lot of water. Because bricks are made from clay, water is required to soak them. Brick kilns are installed in them at the end of rains and the beginning of winter. At that time the availability of water is less in some areas, your brick kiln should be in the river area or there should be a permanent water well or borewell.

4. Molds

While preparing the bricks, it is necessary to make a strategic decision about the size of the bricks. Brick size 9*4*3 is plain brick size while table brick size 9*6*4 brick district is called large format brick these two types are seen in making bricks. Molds are required for making such bricks, these molds are either tapri or iron or wooden. 9.50 inch mold is used for making table bricks while 3 inch or 4 inch mold is used for making 9*4*3 inch size bricks. About 70% of bricks in the country are produced in small format i.e. 9*4*3 size. While making bricks, each brick owner makes a special mark on the top or face of the bricks as a distinct identity, for this the mark is stamped on the bricks when they are raw or before firing.

5. Other Materials

Various materials are required to make bricks. In it, sieves, spades, shovels, shovels and other small and large items are used in the process of making bricks.

Brick Making Process

The process of making bricks is a very complex and complicated process. After bringing the raw materials for making bricks, the soil has to be sifted, the stones, stones, and soil have to be removed and the soil has to be finely ground. Along with this, spades are also used to grind the soil. Now it has been replaced by tractors. Tractors are used to trample this soil. After that, the soil is placed in a mold and water is left in it to homogenize the soil and it is trampled with the foot or with the help of a mace animal. After that the soil remains soaked overnight and the soil becomes homogenous with the water. The bricks prepared with the help of this mold are dried in the sun for 10 to 12 days and after drying, the bricks are ready for baking.

Problems of Brick Kiln Professionals or Owners

1. Labor problem

This is a particularly serious problem in the brick industry.

The brick kiln owner pays 30,000 to 40,000 rupees to each worker's family. They are provided accommodation, fuel etc. facilities. There is no record of withdrawal amount. Workers have to deal with absenteeism, sickness, physical abuse, and other problems. The business runs on the whims of the workers. Sometimes workers break the contract and leave. Contracts are not written down on paper but verbally so many workers break the contract and walk away or act as they please.

2. Natural calamities

Bricks get soaked by unseasonal rains in winter or summer. Wet bricks are wasted. In this way, rain and hail create a big threat to the brick business. Due to this, brick kilns and Malanka have to bear huge losses.

3. Water supply problem

Water supply is important for brick production. Due to the load regulation done by the electricity board, the problem of water supply has arisen before the producer. Also, water scarcity problem has arisen in many places during summer. One ala requires 150 to 2000 liters of water per day. Storing water in large quantities is a difficult task, so the brick kiln business has to be shut down.

4. Transport problem

Brick kiln, owner has own transport equipment. But it is not possible to transport raw and solid goods at the same time. There is a possibility of an accident while driving. There is a lot of stress on traffic. Workers are not available on time to fill the raw material as well as the concrete material. They have to do the work by paying more money.

5. Machine purchase problem

Now in modern times, new machines are used to make bricks, from which the bricks are made very quickly, thus saving time and cost. But the price of this machine or machine is high so many brick professionals cannot buy it.

6. Problem of capital supply

The financial condition of brick manufacturers is dire. A large amount of capital expenditure is incurred for the purpose of bringing raw materials, paying wages to laborers, purchasing vehicles, renting space, etc. But the blast furnace business is subject to the vagaries of nature. Because if the laborers leave suddenly due to unseasonal rains, there is a possibility of huge loss to the brick kiln owners. For that reason banks are reluctant to give loans to brick kiln owners.

Problem in terms of brick kiln workers

Brick workers have to face many difficulties while making bricks. These various problems are detailed below

1. Low Income

In the brick kiln business, workers have to do a lot of hard work. They earn wages below the marginal product level. A brick kiln worker works day and night in a brick kiln. But the remuneration he gets is very little. A male and female laborer earns only 300 to 400 rupees a day. But that much income cannot cover the expenses of the brick kiln family. On the other hand, the owners make huge profits.

2. Health related Problems

As the income of the workers is very low, they are unable to

meet their basic needs. As their living conditions are poor, the workers fall ill frequently. Their health deteriorates due to toxic air coming out from the furnace. No health facilities are provided by the brick manufacturer. Also, since the said workers are from outside, they do not get good facilities from the rural health center.

3. Lack of Education

The workers working in the brick kiln industry are largely uneducated and undereducated. Due to the fact that brick kiln business is far away from the village, even their children do not get education. Brick kiln business provides 7 to 8 months of work in a year. Other times they go to their hometowns. Therefore, children's education remains incomplete. Therefore, the number of uneducated and undereducated workers is large. There are no highly educated workers. Employers take advantage of the illiteracy and lack of education of the workers.

4. Poor standard of Living

The workers working in the brick kiln business earn little income. The number of dependent unproductive consumers in the family is large, so the basic needs of food, clothing and shelter cannot be met with such meager income. So the brick kiln workers live at a subsistence level. There is not enough food for two meals a day. No good clothes, no basic facilities for living. Workers have to face various such problems.

5. Inferior Social Status

Society looks down on brick kiln workers due to low income, poor living conditions, lack of education. They have no place of respect in the society. As brick kiln workers are migrants, they face many injustices. The Vitbhatti family is oppressed in many ways. Society does not take notice of it.

6. Seasonal Nature of Works

Brick kiln workers do not get work for a year, they get work only for 7 to 8 months in a year. Other times they have to be idle. Also, if there is unseasonal rain, their work stops. The labor done is wasted.

Various such problems exist in the brick kiln industry

Research Methodology

For this article, brick kiln industries were reviewed and arranged

Conclusion

1. Brick kiln workers are deprived of education
2. Due to lack of education he lacks skilled work.
3. The standard of living and standard of living of brick kiln workers is seen to be very low
4. Brick kiln workers get seasonal employment
5. The health of brick kiln workers is at risk.
6. Bricks are strong and durable and attractive in appearance attract customers.
7. There is a shortage of skilled labor in modern times.
8. Raising capital is very difficult for a brick kiln entrepreneur
9. Brick kilns borrow from banks for business capital.
10. Lack of modern technology in brick making.

Recommendation

By adding modern technology to the brick industry, with the cooperation of the government, the industry business will

flourish so that the common unemployed will get employment and improve their health, standard of living and quality of life.

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